

SEQUENCE LISTING

<110> CHUGAI SEIYAKU KABUSHIKI KAISHA

<120> Pharmaceutical composition for treatment of solid cancers

<130> P846

<160> 31

<210> 1

<211> 1013

<212> DNA

<213> Homosapiens

<223> Nucleotide sequence coding for HM1.24 protein antigen

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Arg	Val Pro Met Glu Asp Gly Asp Lys Arg Cys Lys Leu Leu Leu Gly		
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ata	gga att ctg gtg ctc ctg atc atc gtg att ctg ggg gtg ccc ttg	145	
Ile	Gly Ile Leu Val Leu Leu Ile Ile Val Ile Leu Gly Val Pro Leu		
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att	atc ttc acc atc aag gcc aac agc gag gcc tgc cgg gac ggc ctt	193	
Ile	Ile Phe Thr Ile Lys Ala Asn Ser Glu Ala Cys Arg Asp Gly Leu		
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Leu	Thr Glu Ala Gln Lys Gly Phe Gln Asp Val Glu Ala Gln Ala Ala		
75	80 85		
acc	tgc aac cac act gtg atg gcc cta atg gct tcc ctg gat gca gag	337	
Thr	Cys Asn His Thr Val Met Ala Leu Met Ala Ser Leu Asp Ala Glu		
90	95 100 105		
aag	gcc caa gga caa aag aaa gtg gag gag ctt gag gga gag atc act	385	
Lys	Ala Gln Gly Gln Lys Lys Val Glu Glu Leu Glu Gly Glu Ile Thr		
110	115 120		
aca	tta aac cat aag ctt cag gac gcg tct gca gag gtg gag cga ctg	433	

Thr	Leu	Asn	His	Lys	Leu	Gln	Asp	Ala	Ser	Ala	Glu	Val	Glu	Arg	Leu	
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140															150	
tac	ccc	agc	tcc	cag	gac	tcc	agc	tcc	gct	gcg	gcg	ccc	cag	ctg	ctg	529
Tyr	Pro	Ser	Ser	Gln	Asp	Ser	Ser	Ser	Ala	Ala	Ala	Pro	Gln	Leu	Leu	
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<223>	Amino acid sequence of HM1.24 protein antigen															
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Phe	Gln	Asp	Val	Glu	Ala	Gln	Ala	Ala	Thr	Cys	Asn	His	Thr	Val	Met	

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Val Glu Glu Leu Glu Gly Glu Ile Thr Thr Leu Asn His Lys Leu Gln		
115	120	125
Asp Ala Ser Ala Glu Val Glu Arg Leu Arg Arg Glu Asn Gln Val Leu		
130	135	140
Ser Val Arg Ile Ala Asp Lys Lys Tyr Tyr Pro Ser Ser Gln Asp Ser		
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Ser Ser Ala Ala Ala Pro Gln Leu Leu Ile Val Leu Leu Gly Leu Ser		
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Ala Leu Leu Gln

180

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<213> Artificial Sequence

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<221>

<222>

<223> Foward primer Initial(BamHI)

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39

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<211> 97

<221> DNA

<213> Artificial Sequence

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<221>

<222>

<223> Foward primer 1-97

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60

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97

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<221> DNA
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 <221> DNA
 <213> Homo sapiens
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<210> 31

<211> 1596

<221> DNA

<213> Artificial Sequence

<220>

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<223> Artificial nucleotide sequence encoding human GnTIII

<400> 31

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